

Title (en)
Metal powder production apparatus

Title (de)
Vorrichtung zur Herstellung von Metallpulver

Title (fr)
Appareil de production de poudre métallique

Publication
EP 1800759 B1 20081022 (EN)

Application
EP 06026429 A 20061220

Priority
JP 2005367227 A 20051220

Abstract (en)
[origin: EP1800759A1] A metal powder production apparatus includes a supply part for supplying molten metal and a nozzle provided below the supply part. The nozzle is provided with a flow path through which the molten metal supplied from the supply part can pass, the flow path having a gradually reducing inner diameter portion whose inner diameter is gradually reduced in a downward direction. The nozzle is further provided with an orifice opened at a bottom end of the flow path and adapted to inject fluid toward the flow path. The nozzle has a first member and a second member provided below the first member with a space left between the first member and the second member, wherein the orifice is defined by the first member and the second member. A clamp for restraining the orifice from being enlarged by the pressure of the fluid passing through the orifice is provided on the nozzle.

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